



- 1. Title of the Course:** Data Analytics: An Insight to Essential Tools & Applications
- 2. Course Mentors:** Mr. Gagandeep Singh (B.Tech CSE, Data Analyst and Python Developer, TCIL-IT, Chandigarh ICS Group)
- 3. Target Group:** Graduation, Post- Graduation, Ph.D research Scholar and faculty members
- 4. Fee Structure:** 1500/-per participant
- 5. Duration of the course:** 03/07/2023 - 14/07/2023
- 6. Days and time of the course** (Monday to Friday 10 AM to 3 PM)
- 7. Eligibility of the Course:** Open for CGC Landran and Non CGC Landran Students, researchers and faculties.
- 8. Objectives:** After completion of the course, the participants will be
 - ✓ Helps in Taking in and processing historical business data
 - ✓ Course will help in analyzing that data to identify latest trends & patterns.
 - ✓ Provides better insight in making data-driven business decisions based on those insights
 - ✓ In Commerce (Finance), course will going to help analytics in power predictive organizational budgets
 - ✓ In Human Resources, it will help analytics to find and share talent insights
- 9. Scope:** In data analysis it is important to understand sophisticated analytical instrument working and interpretation of the obtained data by the students, researchers and faculty members. This training course will address these aspects and will help to enhance the understanding about data and business analysis, recent developments in the field. This program will teach how to create dashboard using excel and various data analytics methodology
- 10. Uniqueness:** This program will equip students with hands-on experience on the use of Business Analytics tools including statistical tools, predictive modeling and data mining
- 11. Learning Outcomes of the Course:** After completing this course students will be able to know the
 - How to create dashboard using excel and various data analytics methodology
 - This program will equip students with hands-on experience on the use of Business Analytics tools including statistical tools, predictive modeling and data mining

11. Week/Day wise Plan of the Course:

MODULE1: Data and Sources of Data (Day 1 & 2)
MODULE2: Business Analytics Fundamentals (Day 3&4)
MODULE3: Understanding Statistics for Business Applications (Day 5 & 6)
MODULE4: Datamining and Predictive Modelling Algorithms for Business Data (Day 7 & 8)
MODULE5: Data Analytics for Product Strategy Formulation (Day 9 & 10)
SUBMISSION OF PROJECT: On the last day of course

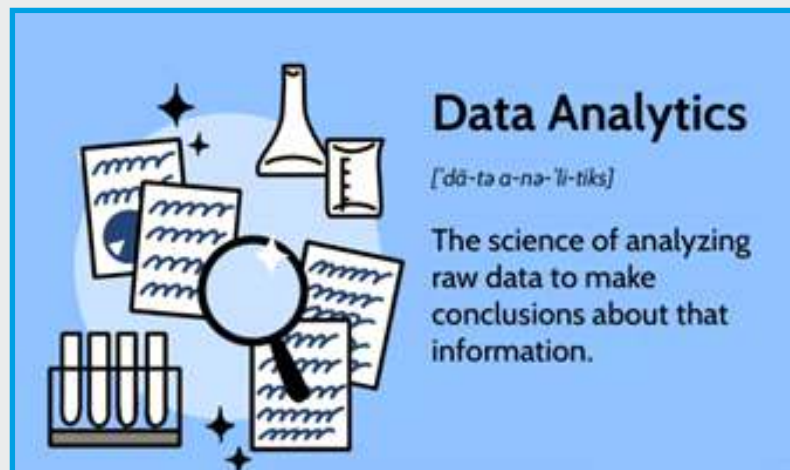
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